



The U.S. Geological Survey (USGS) offers select US GeoData data sets through the Internet. They can be retrieved using anonymous File Transfer Protocol (FTP) or World Wide Web. The data bases and their directory paths are:

- 1:2,000,000-scale digital line graph data in SDTS format (/pub/data/DLG/2M)
- 1:100,000-scale digital line graph data, hydrography and transportation layers only (/pub/data/DLG/100K)
- 1:100,000-scale land use and land cover data (/pub/data/LULC/100K)
- 1:250,000-scale land use and land cover data (/pub/data/LULC/250K)
- 1-degree digital elevation model data (/pub/data/DEM/250)

## FTP Access

To download files from the above data bases using standard anonymous FTP:

- The Internet address is:  
edcftp.cr.usgs.gov
- At the user name enter *anonymous*
- At the password enter your e-mail address.
- The files are listed by area name, generally in an alphabetical list where, for example, the Austin, Tex., quadrangle would be found under the directory "A."
- When the desired quadrangle has been located, set the file transfer mode to binary by entering *binary* at the prompt. Then enter *get* and the quadrangle name.

## World Wide Web Access

US GeoData files can also be retrieved through a USGS World Wide Web server

using browse tools, such as Mosaic. The address for the USGS GeoData home page is:

<URL: <http://edcwww.cr.usgs.gov/doc/eroshome/ndcdb/ndcdb.html>>

## README Files

README files can be downloaded from the data base directories for information concerning the US GeoData files. It is recommended that users download and read the README file for their desired data base before changing the transfer mode and downloading the quadrangle files.

## File Formats

Data files retrieved using FTP may need to be translated from one format to another to make them usable with different application programs. The US GeoData files, for example, have been compressed with the GNU public domain "gzip" utility. Users without access to gzip may uncompress the file as it is retrieved by leaving off the ".gz" extension.

The gzip program is available for a variety of platforms via anonymous FTP at the following sites:

- prep.ai.mit.edu
- enterprise.nwi.fws.gov

Uncompressed files for these data are typically five times larger than compressed versions and, therefore, will take longer to transfer.

## National Geospatial Data Clearinghouse

Metadata describing the data sets are available in electronic form through the USGS node of the National Geospatial Data Clearinghouse (NGDC). The

Internet address for the USGS node is:

<URL: <http://nsdi.usgs.gov/nsdi/>>

The USGS continues to add data and metadata to this node in support of the National Spatial Data Infrastructure.

## Information

For specific information concerning the data bases, US GeoData users guides are available via anonymous FTP at the following Internet address:

<http://www.nmd.usgs.gov/www/html/2nmpgds.html>

Read the file "README" in the public directory to find the directory location for the word processing or plain text versions of the appropriate US GeoData users guide. It is recommended that users download and read these files before transferring detailed information.

For further information about Internet access to US GeoData files, contact:

U.S. Geological Survey  
EROS Data Center Customer Services  
Sioux Falls, SD 57198  
605-594-6151; Fax 605-594-6589  
E-mail: [custserv@edcserver1.cr.usgs.gov](mailto:custserv@edcserver1.cr.usgs.gov)

To purchase a hard copy of any users guide or for information on other USGS products and services call 1-800-USA-MAPS, fax 703-648-5548, or e-mail: [esicmail@usgs.gov](mailto:esicmail@usgs.gov).

The EARTHFAX fax-on-demand system is available 24-hours a day at 703-648-4888.

The address for USGS home page is:  
<URL: <http://www.usgs.gov/>>